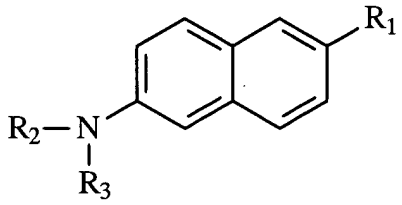
We claim:

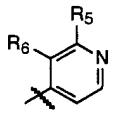
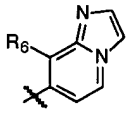
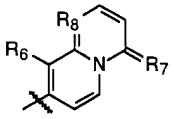
1. A composition comprising a compound of formula (I):



(I)

wherein:

R_1 is selected from the group consisting of -C(O)-alkyl, -C(O)-alkylenyl-R_4, -C(O)O-alkyl, -C(O)O-alkylenyl-R_4, -C=C(CN)$_2$-alkyl, -C=C(CN)$_2$-alkylenyl-R_4,



and

;

wherein

R_4 is a radical selected from the group consisting of alkyl, substituted alkyl, aryl and substituted aryl;

R_5 is a radical selected from the group consisting of -NH_2, -OH, -SH, -NH-alkyl, -NHR_4, -NH-alkylenyl-R_4, -O-alkyl, -O-alkylenyl-R_4, -S-alkyl, and -S-alkylenyl-R_4;

R_6 is a radical selected from the group consisting of -CN, -COOH, -C(O)O-alkyl, -C(O)O-alkylenyl-R_4, -C(O)-alkyl, -C(O)-alkylenyl-R_4, -C(O)-halogen, -C(O)NH_2, -C(O)NH-alkyl, -C(O)NH-alkylenyl-R_4;

R_7 is a radical selected from the group consisting of O, NH, and S; and

R_8 is N, O or S; and

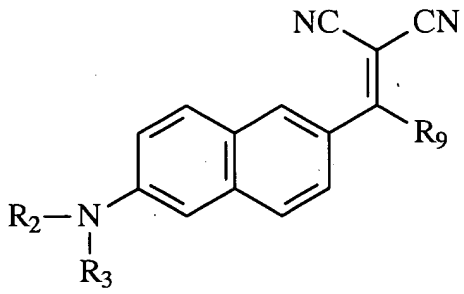
R_2 is selected from the group consisting of alkyl and alkylenyl-R_{10} and R_3 is alkylenyl-R_{10}, wherein R_{10} is selected from the group consisting of -OH, -OTs, halogen, spiperone, spiperone ketal, and spiperone-3-yl,

or R_2 and R_3 together form a heterocyclic ring, optionally substituted with at least one radical selected from the group consisting of alkyl, alkoxy, OH, OTs, halogen, alkyl-R_{10}, carbonyl, spiperone, spiperone ketal and spiperone-3-yl,

and further wherein one or more of the hydrogen, halogen or carbon atoms are optionally replaced with a radiolabel.

2. A composition according to claim 1, wherein the compound of formula (I) is radiolabeled with ^{18}F or ^{123}I.

3. A composition according to claim 1, comprising a compound of formula (II):



(II)

wherein

R_2 is selected from the group consisting of alkyl and alkylenyl-R_{10} and R_{10} is alkylenyl-R_{10}, wherein R_{10} is selected from the group consisting of -OH, -OTs, halogen, spiperone, spiperone ketal and spiperone-3-yl,

or R_2 and R_3 together form a heterocyclic ring, optionally substituted with at least one radical selected from the group consisting of alkyl, alkoxy, OH, OTs, halogen, alkylenyl-R_{10}, carbonyl, spiperone, spiperone ketal and spiperone-3-yl,

and R_9 is an alkyl group;

or a pharmaceutically acceptable salt or solvate thereof;
and further wherein one or more of the hydrogen, halogen or carbon atoms are optionally replaced with a radiolabel.

4. A composition according to claim 3, wherein the compound of formula (II) is radiolabeled with ^{18}F or ^{123}I.

5. A composition according to claim 1, wherein the compound of formula (I) is 2-(1,1-dicyanopropen-2-yl)-6-(2- [^{18}F]-fluoroethyl)-methylamino)-naphthalene.